

02/14/02

J1132 U.S. PTO.

Place a plus sign (+) inside the box → ☐

PTO/SB/05 (03-01)

Approved through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 32739M073

First Inventor Jun AZUMA

Title IMAGE FORMING APPARATUS

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 77]  
(preferred arrangement set forth below)
- Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 11]
5. Oath or Declaration [Total Pages 2]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231**ACCOMPANYING APPLICATIONS PARTS**

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_ /  
Prior application information: Examiner \_\_\_\_ Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

00441

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

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MICHAEL A. MAKUCH

Registration No. (Attorney/Agent)

32,263

Signature

20531

Date

FEBRUARY 14, 2002

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 780**Complete if Known**

|                      |                   |
|----------------------|-------------------|
| Application Number   | TO BE ASSIGNED    |
| Filing Date          | FEBRUARY 14, 2002 |
| First Named Inventor | Jun AZUMA         |
| Examiner Name        | TO BE ASSIGNED    |
| Group / Art Unit     | TO BE ASSIGNED    |
| Attorney Docket No.  | 32739M073         |

**METHOD OF PAYMENT (check all that apply)**
☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:
 Deposit Account Number  
02-4300

 Deposit Account Name  

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description        | Fee Paid |
|----------------|-----------------|----------------|-----------------|------------------------|----------|
| 101            | 740             | 201            | 370             | Utility filing fee     | 740      |
| 106            | 330             | 206            | 165             | Design filing fee      |          |
| 107            | 510             | 207            | 255             | Plant filing fee       |          |
| 108            | 740             | 208            | 370             | Reissue filing fee     |          |
| 114            | 160             | 214            | 80              | Provisional filing fee |          |

**SUBTOTAL (1)**

(\$ 740)

**2. EXTRA CLAIM FEES**

| Total Claims       | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 20                 | -20 **       | 0              | 0        |
| Independent Claims | 1            | -3 **          | 0        |
| Multiple Dependent |              |                | 0        |

| Large Fee Code | Entity Fee (\$) | Small Fee Code | Entity Fee (\$) | Fee Description  |
|----------------|-----------------|----------------|-----------------|--|
| 103            | 18              | 203            | 9               | Claims in excess of 20                                     |
| 102            | 84              | 202            | 42              | Independent claims in excess of 3                          |
| 104            | 280             | 204            | 140             | Multiple dependent claim, if not paid                      |
| 109            | 84              | 209            | 42              | ** Reissue independent claims over original patent         |
| 110            | 18              | 210            | 9               | ** Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)**

(\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Fee Code | Large Entity Fee (\$) | Small Entity Fee Code | Small Entity Fee (\$) | Fee Description  | Fee Paid |
|----------|-----------------------|-----------------------|-----------------------|--|----------|
| 105      | 130                   | 205                   | 65                    | Surcharge - late filing fee or oath  |          |
| 127      | 50                    | 227                   | 25                    | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 139      | 130                   | 139                   | 130                   | Non-English specification  |          |
| 147      | 2,520                 | 147                   | 2,520                 | For filing a request for reexamination                                     |          |
| 112      | 920*                  | 112                   | 920*                  | Requesting publication of SIR prior to Examiner action                     |          |
| 113      | 1,840*                | 113                   | 1,840*                | Requesting publication of SIR after Examiner action                        |          |
| 115      | 110                   | 215                   | 55                    | Extension for reply within first month                                     |          |
| 116      | 400                   | 216                   | 200                   | Extension for reply within second month                                    |          |
| 117      | 920                   | 217                   | 460                   | Extension for reply within third month                                     |          |
| 118      | 1,440                 | 218                   | 720                   | Extension for reply within fourth month                                    |          |
| 128      | 1,960                 | 228                   | 980                   | Extension for reply within fifth month                                     |          |
| 119      | 320                   | 219                   | 160                   | Notice of Appeal   |          |
| 120      | 320                   | 220                   | 160                   | Filing a brief in support of an appeal                                     |          |
| 121      | 280                   | 221                   | 140                   | Request for oral hearing   |          |
| 138      | 1,510                 | 138                   | 1,510                 | Petition to institute a public use proceeding                              |          |
| 140      | 110                   | 240                   | 55                    | Petition to revive - unavoidable   |          |
| 141      | 1,280                 | 241                   | 640                   | Petition to revive - unintentional   |          |
| 142      | 1,280                 | 242                   | 640                   | Utility issue fee (or reissue)   |          |
| 143      | 460                   | 243                   | 230                   | Design issue fee   |          |
| 144      | 620                   | 244                   | 310                   | Plant issue fee  |          |
| 122      | 130                   | 122                   | 130                   | Petitions to the Commissioner  |          |
| 123      | 50                    | 123                   | 50                    | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 126      | 180                   | 126                   | 180                   | Submission of Information Disclosure Stmt                                  |          |
| 581      | 40                    | 581                   | 40                    | Recording each patent assignment per property (times number of properties) | 40.00    |
| 146      | 740                   | 246                   | 370                   | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 149      | 740                   | 249                   | 370                   | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 179      | 740                   | 279                   | 370                   | Request for Continued Examination (RCE)                                    |          |
| 169      | 900                   | 169                   | 900                   | Request for expedited examination of a design application                  |          |

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 40)

**SUBMITTED BY****Complete (if applicable)**

|                   |                   |                                 |                   |           |                |
|-------------------|-------------------|---------------------------------|-------------------|-----------|----------------|
| Name (Print/Type) | MICHAEL A. MAKUCH | Registration No. Attorney/Agent | 32,263            | Telephone | (202) 659-2811 |
| Signature         |                   | Date                            | FEBRUARY 14, 2002 |           |                |

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